**Dial-a-Molecule Annual Meeting 2018: Enabling Synthesis, 9-10 July**

**i-HUB, Imperial College, White City Campus**

**AGENDA**

**DAY ONE**

**10:15 – 10:45 ARRIVAL, REGISTRATION, COFFEE**

Chair: Prof. Richard Whitby, University of Southampton

10:45 – 10:50 Opening remarks

10:50 - 11:00 Welcome and Intro to iHub

**10:45 – 12:45 Session 1 – Centre For Rapid Online Analysis Of Reactions (ROAR): The Dial-a-Molecule Institute@Imperial**

11:00 – 11:20 Prof. Mimi Hii, Imperial College   
*‘Introduction to ROAR’*

11:20 – 12:05 Prof Donna Blackmond, Scripps Research Institute - Keynote speaker  
*‘Kinetic Profiling of Catalytic Organic Reactions as a Mechanistic Tool’*

12:05 – 12:25 Prof. John Blacker, iPRD, University of Leeds  
*‘Multi-phasic Continuous Flow Reactors and Reactions’*

12:25 – 12:45 Dr. Rachel Grainger, Astex Therapeutics   
*‘Enabling Fragment Growth with Cutting Edge Chemistry Technologies’*

**12:45 - 13:00 Flash Exhibitor presentations** (1 min each)

**13:00 – 14:15 LUNCH, EXHIBITION, TOURS**

Chair:

**14:15 – 15:35 Session 2 - Dial-a-Molecule Theme 1; Data-Driven Chemistry**

14:15 - 14:50 Dr. Henry Dubina, Mettler-Toledo - Keynote speaker  
*‘Enabling Data Rich Experimentation and associated Data Analytics’*

14:50 – 15:20 Dr. Gill Turner, GlaxoSmithKline  
*‘Driving Process Understanding through a Systematic Approach to Experimentation’*

15:20 – 15:35 Dr. Jordi Bures, University of Manchester   
*‘Use of High Pressure Flow NMR for Monitoring of Hydroformylation Reaction’*

**15:35 – 16:05 COFFEE AND EXHIBITION**

Chair: Gill Smith, Dial-a-Molecule Network Co-ordinator

**16:05 – 16:45 Session 3 - Panel Discussion/Q&A**

An information and Q&A session where delegates can learn more about the ROAR capabilities and discuss how to make the most of them

**16:45 – 19:30 Poster Session, Exhibition, Networking and Wine Reception with Pizzas   
*Sponsored by Agilent Technologies, ThalesNano and Astex Pharmaceuticals***

16:45 – 17:30 Flash poster presentations

17:30 - 19:30 Poster session, exhibition, networking, wine reception and pizzas

**DAY TWO**

Chair: Dr. Alan Hennessy, Syngenta

**09:15 – 10:35 Session 4 - Dial-a-Molecule Theme 2, Enabling Technologies**

09:15 – 10:00 Dr. Steve Djuric, Abbvie - Keynote speaker  
*‘Acceleration of the Drug Discovery Process by Enabling Chemistry Technology’*

10:00 – 10:20 Dr. Charlotte Willans University of Leeds  
*‘Electrochemical Generation of Catalysts using Batch and Flow Technology’*

10:20 – 10:35 Dr. Liam Ball University of Nottingham  
*‘Avoiding Thiophenols in Synthesis’*

**10:35-11:05 COFFEE AND EXHIBITION**

Chair:

**11:05-11:45 Session 5 – Dial-a-Molecule and Artificial Intelligence**

11:05 – 11:25 Prof. Jeremy Frey, University of Southampton  
*‘Chemical Discovery & AI:  The EPSRC Network Artificial & Augmented Intelligence for Automated Investigation and Discovery (AI3D)’*

11:25 – 11:45 Dr. Tom Chamberlain, University of Leeds and Dr. Federico Galvanin, UCL  
*‘Cognitive Chemical Manufacture’*

**11:45-12:45 Session 6 - Breakouts**

**12:45 – 14:00 LUNCH, EXHIBITION, TOURS**

Chair: Prof. Mimi Hii, Imperial College London

**14:00-15:30 Session 7 - DaM Theme 3, Synthesis College**

14:00 – 14:15 Dr. James Donald, University of York  
*'Photoredox-Catalysed Radical Cyanomethylation'*

14:15 – 14:45 Prof. Chris Braddock, Imperial College  
*‘Tetramethyl Orthosilicate (TMOS) as a Reagent for Direct Amidation of Carboxylic Acids’*

14:45 – 15:30 Prof. Jeff Bode, ETH Zurich, Keynote speaker   
*‘Programmable Organic Synthesis for the Age of Automation’*

**15:30 Closing remarks**

**15:45 Close of meeting**